

ABSTRACT

A sensing device for sensing a product item provided in a sensing region, wherein the product item includes an interface surface having disposed thereon at least one of:

- 5 (a) coded data which includes, at a plurality of locations on the interface surface, a corresponding plurality of coded data portions, each coded data portion being indicative of an identity of the product item; and,
 - (b) a barcode which encodes an identifier;
- the sensing device including:
- 10 (i) a coded data sensor for sensing at least one coded data portion;
 - (ii) a barcode sensor for sensing the barcode;
 - (iii) a processor for generating identity data indicative of the identity of the product item using at least one of:
 - (1) the at least one sensed coded data portion; and,
 - (2) the barcode;
- 15 (c) a communicator for transferring the indicating data to a computer system.